

MoDLS Logbook

IOP #	2
Crew Members	Matthew Starke, Nick Perlaky, Liz Seiler
Arrival Time/Date (UTC)	2023 March 02 2335Z
Latitude (deg)	34.43138
Longitude (deg)	90.73124
Heading	230
Elevation (m)	60
Fully Operational Time/Date (UTC) *List any non-operational equipment below*	2023 March 02 2350Z
Departure Time/Date (UTC)	

Lidar Scan Strategies, Sounding Types & Balloon Launch Times, Observations, Equipment Issues, Notes, etc.

Time (UTC)	Observations/Notes
~2350	Fully operational ^MS
0055	Light rain, preparing sonde ^MS
0100	Launched ^MS
~0115	sonde altitude altered by user error ^MS
0128	sonde is rising again after having fallen significantly. Might have iced - minimum temp is just about 0C ^MS
~0200	Confirmed that the ceilometer is not running. ^MS
~0200	Sounding terminated (descending) ^MS
0213	Ceilo restarted. Files are being written now. ^MS
0219	Ceilo viewer is now showing something ^MS

0221	Gently descending cloud base ^MS
0230	Windsounds are not connecting easily ^MS
0233	Sounding launched ^MS
~0305	Sounding terminated (lost signal) ^MS
0315	Light rain ^MS
0316	Ceilo plots now on SWIRLL site ^MS
0321	Moderate rain ^MS
0325	Lightning within a few miles ^MS
0326	Lighting within one mile ^MS
0335	rain over, still some lightning ^MS
0337	low and mid clouds broken ^MS
0343	low clouds building back in around 500m ^MS
0355	Preparing sonde ^MS
0406	sonde 6947 not getting a GPS fix ^MS
0410	Sounding launched ^MS
0454	sonde 6948 didn't report anything but did pair ^MS
0457	sonde 6895 didn't report anything but did pair ^MS
0500	preparing sonde ^MS
0501	sonde 6945 launched ^MS
0542	Sounding terminated (no radio link) ^MS
0554	Sounding prepared ^MS
0558	MoDLS launched ^MS
0600	modls keyboard has malfunctioned and Windows does not recognize it. White box is flashing. ^MS
0603	Replugging does not fix the issue ^MS

0605	Keyboard works after unplugging top video ^MS
0653	Preparing sounding ^MS
0659	5118 gained then lost fix after 1 minute ^MS
0700	Launched ^MS
0752	Preparing sounding ^MS
0757	LAUNCHED ^MS
0801	Tower down ^MS
0802	Added RHI to 270deg, 2deg interval 0-90 ^MS
0821	Changed to 290deg RHI ^MS
0822	Rain ^MS
0835	Changed back to 270deg. Think 290deg is blocked by tower ^MS
0853	Preparing sounding ^MS
0902	Launched after two other sondes refused to report/pair ^MS
0959	RHIs about to be removed ^MS
1001	Waited until the VAD was supposed to run (according to the timer in additional displays) but it didn't run as far as I can tell and just reset to 0? I just reloaded after that and forced a VAD immediately ^MS
1053	Tear down begins ^MS